

PI 542985 to 542994-continued

PI 542994 **origin:** United States. **origin institute:** Kansas Agr. Exp. Sta., Fort Hays Branch, RR #2, Hays, Kansas 67601. **cultivar:** KS 93R. **pedigree:** KS 56 A//N 4692 B/SARVASI/3/KS 18 B/4/KS 56 A//3\*WIRU/KS 56 B. **other id:** 895510. **other id:** GP-357. **group:** CSR-SORGHUM. **remarks:** Restorer line in the Al cytoplasm of sorghum. Resistant to biotype E greenbug (*Schizaphis graminum*). Mosaic reaction when infected with maize dwarf virus strain B. Maturity medium. 3 dwarf line. Seed white. Endosperm yellow. No pigmented testa layer. Spring Annual. Breeding Material. Seed.

PI 542995. *Medicago sativa* L. FABACEAE Alfalfa

**Donated by:** Stratton, S.D., FFR Cooperative, 4112 E. State Rd. 225, West Lafayette, Indiana, United States. **remarks:** Haymark Alfalfa. Received August 03, 1990.

**origin:** United States. **cultivar:** HAYMARK. **pedigree:** 190 clones tracing to the cultivars Hi-phy and Classic, and several FFR breeding populations. **other id:** CV-165. **group:** CSR-ALFALFA. **remarks:** Flowers 90% purple, 10% variegated, trace of cream, yellow and white. Fall dormancy, 3. Growth habit - midsummer-erect, fall, semi-erect. Highly resistant to Anthracnose, race 1, caused by *Colletotrichum trifolii*, and Fusarium wilt caused by *Fusarium oxysporum* f. sp. *medicagenis*. Resistant to Bacterial wilt caused by *Clavibacter michiganense* subsp. *insidiosum* and *Phytophthora* root rot caused by *Phytophthora*. Perennial. Cultivar. Seed.

PI 542996. *Medicago sativa* L. FABACEAE Alfalfa

**Donated by:** Stratton, S.D., FFR Cooperative, 4112 E. State Rd. 225, West Lafayette, Indiana, United States. **remarks:** WAMPR Alfalfa. Received August 03, 1990.